

WEST Search History

DATE: Friday, January 23, 2004

| <u>Hide?</u> | <u>Set Name</u> | <u>Query</u> | <u>Hit Count</u> |
|--------------------------|-----------------|---|------------------|
| | | <i>DB=PGPB,USPT,EPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=ADJ</i> | |
| <input type="checkbox"/> | L5 | neuraliz\$ and express\$ same vector? | 70 |
| <input type="checkbox"/> | L4 | neuraliz\$ and (zinc adj finger?) | 1 |
| <input type="checkbox"/> | L3 | neuraliz\$ same (zinc adj finger?) | 0 |
| <input type="checkbox"/> | L2 | neuralize\$ same (zinc adj finger?) | 0 |
| <input type="checkbox"/> | L1 | neuralize\$ same (gene? or protein?) same (zinc adj finger?) | 0 |

END OF SEARCH HISTORY

Hit List

[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Search Results - Record(s) 1 through 70 of 70 returned.

1. Document ID: US 20040014210 A1

Using default format because multiple data bases are involved.

L5: Entry 1 of 70

File: PGPB

Jan 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040014210

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040014210 A1

TITLE: Methods for inducing differentiation of embryonic stem cells and uses thereof

PUBLICATION-DATE: January 22, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|--------------------|----------|-------|---------|---------|
| Jessell, Thomas M. | Bronx | NY | US | |
| Wichterle, Hynek | New York | NY | US | |
| Lieberam, Ivo | New York | NY | US | |

US-CL-CURRENT: [435/368](#); [435/354](#), [514/12](#), [514/559](#)

| | | | | | | | | | | | | | |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|---------------------------|-----------------------------|------------------------|---------------------|---------------------------|-----------------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMC | Draw Desc | Image |
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2. Document ID: US 20040014209 A1

L5: Entry 2 of 70

File: PGPB

Jan 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040014209

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040014209 A1

TITLE: Compositions and methods for modulating cell differentiation

PUBLICATION-DATE: January 22, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|--------------------|---------------|-------|---------|---------|
| Lassar, Andrew B. | Newton Center | MA | US | |
| Mercola, Mark | Del Mar | CA | US | |
| Gupta, Ruchika | San Diego | CA | US | |
| Marvin, Martha | Brookline | MA | US | |
| Schneider, Valerie | Philadelphia | PA | US | |

| | | | |
|----------------|-----------|----|----|
| Tzahor, Eldad | Brookline | MA | US |
| Brott, Barbara | Boston | MA | US |
| Sokol, Sergei | Boston | MA | US |

US-CL-CURRENT: [435/366](#); [435/455](#)

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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWC | Draw Desc | Image |
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3. Document ID: US 20030236392 A1

L5: Entry 3 of 70

File: PGPB

Dec 25, 2003

PGPUB-DOCUMENT-NUMBER: 20030236392

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030236392 A1

TITLE: Novel full length cDNA

PUBLICATION-DATE: December 25, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|--------------------|---------|-------|---------|---------|
| Isogai, Takao | Ibaraki | | JP | |
| Sugiyama, Tomoyasu | Tokyo | | JP | |
| Otsuki, Tetsuji | Chiba | | JP | |
| Wakamatsu, Ai | Chiba | | JP | |
| Sato, Hiroyuki | Osaka | | JP | |
| Ishii, Shizuko | Chiba | | JP | |
| Yamamoto, Jun-ichi | Chiba | | JP | |
| Isono, Yuuko | Chiba | | JP | |
| Hio, Yuri | Chiba | | JP | |
| Otsuka, Kaoru | Saitama | | JP | |
| Nagai, Keiichi | Tokyo | | JP | |
| Irie, Ryotaro | Chiba | | JP | |
| Tamechika, Ichiro | Osaka | | JP | |
| Seki, Naohiko | Chiba | | JP | |
| Yoshikawa, Tsutomu | Chiba | | JP | |
| Otsuka, Motoyuki | Tokyo | | JP | |
| Nagahari, Kenji | Tokyo | | JP | |
| Masuhio, Yasuhiko | Tokyo | | JP | |

US-CL-CURRENT: [536/23.1](#); [435/183](#), [435/325](#), [435/6](#), [435/69.1](#), [530/350](#), [702/19](#)

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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWC | Draw Desc | Image |
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4. Document ID: US 20030224431 A1

L5: Entry 4 of 70

File: PGPB

Dec 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030224431
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030224431 A1

TITLE: Neurogenin

PUBLICATION-DATE: December 4, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|--------------------|----------|-------|---------|---------|
| Anderson, David J. | Altadena | CA | US | |
| Ma, Qiufu | Pasadena | CA | US | |
| Sommer, Lukas | Zurich | | CH | |

US-CL-CURRENT: [435/6](#); [435/320.1](#), [435/325](#), [435/69.1](#), [530/350](#), [536/23.2](#)

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image |
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5. Document ID: US 20030219745 A1

L5: Entry 5 of 70

File: PGPB

Nov 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030219745
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030219745 A1

TITLE: Novel nucleic acids and polypeptides

PUBLICATION-DATE: November 27, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|--------------------|-----------|-------|---------|---------|
| Tang, Y. Tom | San Jose | CA | US | |
| Goodrich, Ryle | San Jose | CA | US | |
| Liu, Chenghua | San Jose | CA | US | |
| Ren, Feiyan | Cupertino | CA | US | |
| Wang, Dunrui | Poway | CA | US | |
| Drmanac, Radoje T. | Palo Alto | CA | US | |

US-CL-CURRENT: [435/6](#); [424/146.1](#), [435/183](#), [435/320.1](#), [435/325](#), [435/69.1](#), [435/7.1](#), [514/12](#),
[530/350](#), [530/388.1](#), [536/23.2](#)

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image |
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6. Document ID: US 20030219741 A1

L5: Entry 6 of 70

File: PGPB

Nov 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030219741

PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030219741 A1

TITLE: Novel full-length cDNA

PUBLICATION-DATE: November 27, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|--------------------|---------|-------|---------|---------|
| Isogai, Takao | Ibaraki | | JP | |
| Sugiyama, Tomoyasu | Tokyo | | JP | |
| Otsuki, Tetsuji | Chiba | | JP | |
| Wakamatsu, Ai | Chiba | | JP | |
| Sato, Hiroyuki | Osaka | | JP | |
| Ishii, Shizuko | Chiba | | JP | |
| Yamamoto, Jun-Ichi | Chiba | | JP | |
| Isono, Yuuko | Chiba | | JP | |
| Hio, Yuri | Chiba | | JP | |
| Otsuka, Kaoru | Saitama | | JP | |
| Nagai, Keiichi | Tokyo | | JP | |
| Irie, Ryotaro | Chiba | | JP | |
| Tamechika, Ichiro | Osaka | | JP | |
| Seki, Naohiko | Chiba | | JP | |
| Yoshikawa, Tsutomu | Chiba | | JP | |
| Otsuka, Motoyuki | Tokyo | | JP | |
| Nagahari, Kenji | Tokyo | | JP | |
| Masuhio, Yasuhiko | Tokyo | | JP | |

US-CL-CURRENT: [435/6](#); [435/183](#), [435/320.1](#), [435/325](#), [435/69.1](#), [530/350](#), [530/388.26](#), [536/23.2](#)

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMC | Draw Desc | Image |
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7. Document ID: US 20030199042 A1

L5: Entry 7 of 70

File: PGPB

Oct 23, 2003

PGPUB-DOCUMENT-NUMBER: 20030199042
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030199042 A1

TITLE: Novel morphogenic protein

PUBLICATION-DATE: October 23, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|----------------------|------------------|-------|---------|---------|
| Valenzuela, David M. | Yorktown Heights | NY | US | |
| Rojas, Eduardo A. | Tarrytown | NY | US | |
| Economides, Aris N. | New York | NY | US | |

Stahl, Neil

Carmel

NY

US

US-CL-CURRENT: [435/69.1](#); [435/320.1](#), [435/325](#), [435/7.2](#), [514/12](#), [530/350](#), [530/388.22](#), [536/23.5](#)

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image |
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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|

8. Document ID: US 20030194708 A1

L5: Entry 8 of 70

File: PGPB

Oct 16, 2003

PGPUB-DOCUMENT-NUMBER: 20030194708

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030194708 A1

TITLE: Human homolog of crossveinless materials and methods

PUBLICATION-DATE: October 16, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|-----------------|---------------|-------|---------|---------|
| Binnerts, Minke | San Francisco | CA | US | |
| Tang, Y. Tom | San Jose | CA | US | |
| Asundi, Vinod | Foster City | CA | US | |
| Rupp, Fabio | Sunnyvale | CA | US | |

US-CL-CURRENT: [435/6](#); [435/320.1](#), [435/325](#), [435/69.1](#), [530/350](#), [536/23.5](#)

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image |
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9. Document ID: US 20030181704 A1

L5: Entry 9 of 70

File: PGPB

Sep 25, 2003

PGPUB-DOCUMENT-NUMBER: 20030181704

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030181704 A1

TITLE: Translation initiation factor 4AIII, and methods of use thereof

PUBLICATION-DATE: September 25, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|------------------------|----------|-------|---------|---------|
| Hemmati-Brivanlou, Ali | New York | NY | US | |
| Weinstein, Daniel C. | New York | NY | US | |

US-CL-CURRENT: [536/23.2](#); [435/199](#), [435/252.3](#), [435/320.1](#), [435/325](#), [435/69.1](#)

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image |
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10. Document ID: US 20030165945 A1

L5: Entry 10 of 70

File: PGPB

Sep 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030165945

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030165945 A1

TITLE: Human Pellino polypeptides

PUBLICATION-DATE: September 4, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|------------------|-------------------|-------|---------|---------|
| Bird, Timothy A. | Bainbridge Island | WA | US | |
| Cosman, David J. | Bainbridge Island | WA | US | |
| Li, Xiaoxia | Solon | OH | US | |

US-CL-CURRENT: 435/6; 435/320.1, 435/325, 435/69.1, 435/7.1, 530/350, 536/23.5

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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|

11. Document ID: US 20030154032 A1

L5: Entry 11 of 70

File: PGPB

Aug 14, 2003

PGPUB-DOCUMENT-NUMBER: 20030154032

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030154032 A1

TITLE: Methods and compositions for diagnosing and treating rheumatoid arthritis

PUBLICATION-DATE: August 14, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|------------------------|-----------|-------|---------|---------|
| Pittman, Debra D. | Windham | NH | US | |
| Feldman, Jeffrey L. | Arlington | MA | US | |
| Shields, Kathleen M. | Harvard | MA | US | |
| Trepicchio, William L. | Andover | MA | US | |

US-CL-CURRENT: 702/20

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|

12. Document ID: US 20030129703 A1

L5: Entry 12 of 70

File: PGPB

Jul 10, 2003

PGPUB-DOCUMENT-NUMBER: 20030129703
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030129703 A1

TITLE: Modified dorsal tissue affecting factor and compositions

PUBLICATION-DATE: July 10, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|---------------------|----------|-------|---------|---------|
| Economides, Aris | New York | NY | US | |
| Stahl, Neil E. | Carmel | NY | US | |
| Harland, Richard M. | Moraga | CA | US | |

US-CL-CURRENT: 435/69.1; 435/320.1, 435/325, 514/12, 530/350, 536/23.5

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image |
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13. Document ID: US 20030113773 A1

L5: Entry 13 of 70

File: PGPB

Jun 19, 2003

PGPUB-DOCUMENT-NUMBER: 20030113773
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030113773 A1

TITLE: Neurogenesis inducing genes

PUBLICATION-DATE: June 19, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|----------------------|---------------|-------|---------|---------|
| Mikoshiha, Katsuhiko | Wako-shi | | JP | |
| Aruga, Jun | Tsukuba-shi | | JP | |
| Nagai, Takeharu | Tokyo | | JP | |
| Nakata, Katsunori | Tsuchiura-shi | | JP | |

US-CL-CURRENT: 435/6; 435/226, 435/320.1, 435/325, 435/69.1, 536/23.2

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image |
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14. Document ID: US 20030073620 A1

L5: Entry 14 of 70

File: PGPB

Apr 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030073620
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030073620 A1

TITLE: Antibodies to vertebrate delta proteins and fragments

PUBLICATION-DATE: April 17, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|---------------------------------|-----------|-------|---------|---------|
| Ish-Horowicz, David | Oxford | CT | GB | |
| Henrique, Domingos Manuel Pinto | Queijas | CT | PT | |
| Lewis, Julian Hart | Oxford | | GB | |
| Artavanis-Tsakonas, Spyridon | Hamden | | US | |
| Gray, Grace E. | New Haven | | US | |

US-CL-CURRENT: 514/12; 435/320.1, 435/348, 435/69.1, 530/350, 530/388.1, 536/23.5

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMC | Draw Desc | Image |
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15. Document ID: US 20030044887 A1

L5: Entry 15 of 70

File: PGPB

Mar 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030044887

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030044887 A1

TITLE: NEUROGENIN

PUBLICATION-DATE: March 6, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|--------------------|--------------|-------|---------|---------|
| ANDERSON, DAVID J. | ALTADENA | CA | US | |
| MA, QIUFU | SANTA MONICA | CA | US | |

US-CL-CURRENT: 435/69.1; 435/325, 435/6, 530/350, 536/23.5

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|-----------|-------|
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16. Document ID: US 20020192219 A1

L5: Entry 16 of 70

File: PGPB

Dec 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020192219

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020192219 A1

TITLE: Morphogenic proteins

PUBLICATION-DATE: December 19, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|------------------|----------|-------|---------|---------|
| Harland, Richard | Berkeley | CA | US | |

Hsu, David

Berkeley

CA

US

US-CL-CURRENT: 424/146.1; 435/6

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image |
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17. Document ID: US 20020192216 A1

L5: Entry 17 of 70

File: PGPB

Dec 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020192216

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020192216 A1

TITLE: Therapeutic use

PUBLICATION-DATE: December 19, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|------------------------|------------|-------|---------|---------|
| Lamb, Jonathan Robert | Edinburgh | | GB | |
| Hoyne, Gerard Francis | Midlothian | | GB | |
| Dallman, Margaret Jane | London | | GB | |

US-CL-CURRENT: 424/145.1; 514/12

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|
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18. Document ID: US 20020168683 A1

L5: Entry 18 of 70

File: PGPB

Nov 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020168683

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020168683 A1

TITLE: Human pellino polypeptides

PUBLICATION-DATE: November 14, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|------------------|-------------------|-------|---------|---------|
| Bird, Timothy A. | Bainbridge Island | WA | US | |
| Cosman, David J. | Bainbridge Island | WA | US | |

US-CL-CURRENT: 435/7.1; 435/320.1, 435/325, 435/69.1, 530/350, 536/23.5

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|

☐ 19. Document ID: US 20020164682 A1

L5: Entry 19 of 70

File: PGPB

Nov 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020164682
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020164682 A1

TITLE: MAMMALIAN CERBERUS-LIKE PROTEIN AND COMPOSITIONS

PUBLICATION-DATE: November 7, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|------------------------|-----------|-------|---------|---------|
| FOLLETTIE, MAXIMILLIAN | BELMONT | MA | US | |
| DEROBERTIS, EDWARD M. | PALISADES | CA | US | |

US-CL-CURRENT: [435/69.1](#); [424/130.1](#), [435/320.1](#), [435/325](#), [514/12](#), [530/350](#), [536/23.5](#)

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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|

☐ 20. Document ID: US 20020146773 A1

L5: Entry 20 of 70

File: PGPB

Oct 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020146773
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020146773 A1

TITLE: ''Signalin'' family of TGFbeta signal transduction proteins, and uses related thereto

PUBLICATION-DATE: October 10, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|--------------------|-----------|-------|---------|---------|
| Graff, Jonathan M. | Newton | MA | US | |
| Woolf, Tod M. | Natick | MA | US | |
| Jin, Ping | Boston | MA | US | |
| Melton, Douglas A. | Lexington | MA | US | |

US-CL-CURRENT: [435/69.1](#); [435/320.1](#), [435/325](#), [435/6](#), [514/2](#), [530/399](#), [536/23.5](#), [800/8](#)

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image |
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☐ 21. Document ID: US 20020132293 A1

L5: Entry 21 of 70

File: PGPB

Sep 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020132293
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020132293 A1

TITLE: Mammalian neuralized family transcriptional regulators and uses therefor

PUBLICATION-DATE: September 19, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|----------------|--------------|-------|---------|---------|
| Palm, Kaia | Santa Monica | CA | US | |
| Timmusk, Tonis | Helsinki | | FI | |

US-CL-CURRENT: 435/69.1; 435/195, 435/325, 435/7.1, 530/388.1

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMJC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|

□ 22. Document ID: US 20020127621 A1

L5: Entry 22 of 70

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020127621

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020127621 A1

TITLE: KUZ, a novel family of metalloproteases

PUBLICATION-DATE: September 12, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|------------------|-----------|-------|---------|---------|
| Rubin, Gerald M. | Berkeley | CA | US | |
| Pan, Duoia | Berkeley | CA | US | |
| Rooke, Jenny | New Haven | CT | US | |
| Yavari, Reza | New Haven | CT | US | |
| Xu, Tian | New Haven | CT | US | |

US-CL-CURRENT: 435/7.32; 435/183, 435/226

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMJC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|

□ 23. Document ID: US 20020114788 A1

L5: Entry 23 of 70

File: PGPB

Aug 22, 2002

PGPUB-DOCUMENT-NUMBER: 20020114788

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020114788 A1

TITLE: Cell implantation therapy for neurological diseases or disorders

PUBLICATION-DATE: August 22, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|----------------|-----------|-------|---------|---------|
| Isacson, Ole | Cambridge | MA | US | |
| Kim, Kwang Soo | Lexington | MA | US | |

US-CL-CURRENT: [424/93.21](#); [435/368](#), [435/456](#)

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|-----------|-------|

□ 24. Document ID: US 20020107194 A1

L5: Entry 24 of 70

File: PGPB

Aug 8, 2002

PGPUB-DOCUMENT-NUMBER: 20020107194

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020107194 A1

TITLE: Nucleotide and protein sequences of vertebrate delta genes and methods based thereon

PUBLICATION-DATE: August 8, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|---------------------------------|-----------|-------|---------|---------|
| Ish-Horowicz, David | Oxford | CT | GB | |
| Henrique, Domingos Manuel Pinto | Queijas | CT | PT | |
| Lewis, Julian Hart | Oxford | | GB | |
| Artavanis-Tsakonas, Spyridon | Hamden | | US | |
| Gray, Grace E. | New Haven | | US | |

US-CL-CURRENT: [514/12](#); [530/350](#)

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|-----------|-------|

□ 25. Document ID: US 20020102643 A1

L5: Entry 25 of 70

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020102643

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020102643 A1

TITLE: Dorsal tissue affecting factor and compositions

PUBLICATION-DATE: August 1, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|----------------------|-----------------|-------|---------|---------|
| Valenzuela, David M. | Franklin Square | NY | US | |
| Ip, Nancy Y. | Stamford | CT | US | |
| Cudny, Henryk D. | Concord | CA | US | |

| | | | |
|------------------------|------------------|----|----|
| Yancopoulos, George D. | Yorktown Heights | NY | US |
| Harland, Richard M. | Moraga | CA | US |
| Smith, William C. | Santa Barbara | CA | US |
| Lamb, Teresa | New York | NY | US |
| Knecht, Anne | Berkeley | CA | US |

US-CL-CURRENT: [435/69.1](#); [435/320.1](#), [435/325](#), [514/12](#), [530/350](#), [536/23.5](#)

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|-----------|-------|

□ 26. Document ID: US 20020099173 A1

L5: Entry 26 of 70

File: PGPB

Jul 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020099173

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020099173 A1

TITLE: Protein specific for cardiac and skeletal muscle

PUBLICATION-DATE: July 25, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|------------------------|---------|-------|---------|---------|
| D'Azzo, Alessandra | Memphis | TN | US | |
| Bongiovanni, Antonella | Memphis | TN | US | |
| Nastasi, Tommaso | Memphis | TN | US | |

US-CL-CURRENT: [530/350](#)

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|-----------|-------|

□ 27. Document ID: US 20020032913 A1

L5: Entry 27 of 70

File: PGPB

Mar 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020032913

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020032913 A1

TITLE: Gene Search Vector and Gene Search Method

PUBLICATION-DATE: March 14, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|-----------------|-------|-------|---------|---------|
| Aigaki, Toshiro | Tokyo | . | JP | |

US-CL-CURRENT: [800/8](#); [435/320.1](#), [435/325](#), [435/455](#), [536/23.1](#), [800/22](#), [800/25](#)

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|

28. Document ID: US 20010049360 A1

L5: Entry 28 of 70

File: PGPB

Dec 6, 2001

PGPUB-DOCUMENT-NUMBER: 20010049360

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010049360 A1

TITLE: Betaglycan as an inhibin receptor and uses thereof

PUBLICATION-DATE: December 6, 2001

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|------------------------|-----------|-------|---------|---------|
| Vale, Wylie | La Jolla | CA | US | |
| Lewis, Kathy A. | San Diego | CA | US | |
| Gray, Peter C. | Encinitas | CA | US | |
| Bilezikjian, Louise M. | San Diego | CA | US | |
| Blount, Amy L. | La Jolla | CA | US | |

US-CL-CURRENT: 514/44; 424/130.1

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|

29. Document ID: US 20010025100 A1

L5: Entry 29 of 70

File: PGPB

Sep 27, 2001

PGPUB-DOCUMENT-NUMBER: 20010025100

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010025100 A1

TITLE: Translation initiation factor 4AIII, and methods of use thereof

PUBLICATION-DATE: September 27, 2001

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|------------------------|----------|-------|---------|---------|
| Hemmati-Brivanlou, Ali | New York | NY | US | |
| Weinstein, Daniel C. | New York | NY | US | |

US-CL-CURRENT: 536/23.5; 435/325, 435/69.1, 530/381

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|

30. Document ID: US 6610510 B1

L5: Entry 30 of 70

File: USPT

Aug 26, 2003

US-PAT-NO: 6610510

DOCUMENT-IDENTIFIER: US 6610510 B1

TITLE: Morphogenic proteins

DATE-ISSUED: August 26, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|----------------------|------------------|-------|----------|---------|
| Valenzuela; David M. | Yorktown Heights | NY | | |
| Rojas; Eduardo A. | Tarrytown | NY | | |
| Economides; Aris N. | New York | NY | | |
| Stahl; Neil | Carmel | NY | | |

US-CL-CURRENT: [435/69.1](#); [435/252.3](#), [435/320.1](#), [435/325](#), [435/348](#), [530/350](#), [536/23.5](#)

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-----------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Abstracts | Abstracts | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-----------|--------|------|-----------|-------|

31. Document ID: US 6566496 B1

L5: Entry 31 of 70

File: USPT

May 20, 2003

US-PAT-NO: 6566496

DOCUMENT-IDENTIFIER: US 6566496 B1

TITLE: Neurogenin

DATE-ISSUED: May 20, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|----------|-------|----------|---------|
| Anderson; David J. | Altadena | CA | | |
| Ma; Qiufu | Pasadena | CA | | |
| Sommer; Lukas | Zurich | | | SE |

US-CL-CURRENT: [530/350](#); [530/839](#), [530/855](#)

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-----------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Abstracts | Abstracts | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-----------|--------|------|-----------|-------|

32. Document ID: US 6563018 B2

L5: Entry 32 of 70

File: USPT

May 13, 2003

US-PAT-NO: 6563018

DOCUMENT-IDENTIFIER: US 6563018 B2

TITLE: Gene search vector and gene search method

DATE-ISSUED: May 13, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------|-------|-------|----------|---------|
| Aigaki; Toshiro | Tokyo | | | JP |

US-CL-CURRENT: 800/22; 435/320.1, 435/455, 536/23.1, 800/13, 800/25, 800/3, 800/8

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|--------------|--------------|--------|-----|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Suppl. Notes | Other Topics | Claims | KMC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------------|--------------|--------|-----|-----------|-------|

□ 33. Document ID: US 6555337 B2

L5: Entry 33 of 70

File: USPT

Apr 29, 2003

US-PAT-NO: 6555337

DOCUMENT-IDENTIFIER: US 6555337 B2

TITLE: Neurogenin

DATE-ISSUED: April 29, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|--------------|-------|----------|---------|
| Anderson; David J. | Altadena | CA | | |
| Ma; Qiufu | Santa Monica | CA | | |

US-CL-CURRENT: 435/69.1; 435/320.1, 435/325, 536/23.5

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|--------------|--------------|--------|-----|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Suppl. Notes | Other Topics | Claims | KMC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------------|--------------|--------|-----|-----------|-------|

□ 34. Document ID: US 6548290 B1

L5: Entry 34 of 70

File: USPT

Apr 15, 2003

US-PAT-NO: 6548290

DOCUMENT-IDENTIFIER: US 6548290 B1

TITLE: Geminin gene and protein

DATE-ISSUED: April 15, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|-----------|-------|----------|---------|
| McGarry; Thomas J. | Newton | MA | | |
| Kroll; Kristen | Brookline | MA | | |
| Kirschner; Marc W. | Newton | MA | | |

US-CL-CURRENT: 435/252.3; 435/320.1, 435/325, 536/23.2, 536/23.5

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Abstract | Full Text | Claims | KMC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|-----------|--------|-----|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|----------|-----------|--------|-----|-----------|-------|

□ 35. Document ID: US 6500640 B1

L5: Entry 35 of 70

File: USPT

Dec 31, 2002

US-PAT-NO: 6500640

DOCUMENT-IDENTIFIER: US 6500640 B1

TITLE: Nucleic acid molecules encoding modified dorsal tissue affecting factor

DATE-ISSUED: December 31, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------|----------|-------|----------|---------|
| Economides; Aris | New York | NY | | |
| Stahl; Neil E. | Carmel | NY | | |
| Harland; Richard M. | Moraga | CA | | |

US-CL-CURRENT: [435/69.1](#); [435/252.3](#), [435/254.11](#), [435/320.1](#), [435/325](#), [435/455](#), [536/23.1](#), [536/23.5](#)

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Abstract | Full Text | Claims | KMC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|-----------|--------|-----|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|----------|-----------|--------|-----|-----------|-------|

□ 36. Document ID: US 6500637 B1

L5: Entry 36 of 70

File: USPT

Dec 31, 2002

US-PAT-NO: 6500637

DOCUMENT-IDENTIFIER: US 6500637 B1

TITLE: Neurogenesis inducing genes

DATE-ISSUED: December 31, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|----------------------|-----------|-------|----------|---------|
| Mikoshiha; Katsuhiko | Wako | | | JP |
| Aruga; Jun | Tsukuba | | | JP |
| Nagai; Takeharu | Tokyo | | | JP |
| Nakata; Katsunori | Tsuchiura | | | JP |

US-CL-CURRENT: [435/69.1](#); [435/252.3](#), [435/320.1](#), [435/325](#), [435/458](#), [536/23.5](#)

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Abstract | Full Text | Claims | KMC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|-----------|--------|-----|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|----------|-----------|--------|-----|-----------|-------|

□ 37. Document ID: US 6432410 B1

L5: Entry 37 of 70

File: USPT

Aug 13, 2002

US-PAT-NO: 6432410
DOCUMENT-IDENTIFIER: US 6432410 B1
**** See image for Certificate of Correction ****

TITLE: Morphogenic proteins

DATE-ISSUED: August 13, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------|----------|-------|----------|---------|
| Harland; Richard | Berkeley | CA | | |
| Hsu; David | Berkeley | CA | | |

US-CL-CURRENT: 424/198.1; 514/12, 514/21

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-------------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Images | Annotations | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-------------|--------|------|-----------|-------|

☐ 38. Document ID: US 6428977 B1

L5: Entry 38 of 70

File: USPT

Aug 6, 2002

US-PAT-NO: 6428977
DOCUMENT-IDENTIFIER: US 6428977 B1
**** See image for Certificate of Correction ****

TITLE: Signalin family of TGF.beta. signal transduction proteins, and uses related thereto

DATE-ISSUED: August 6, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|-----------|-------|----------|---------|
| Graff; Jonathan M. | Newton | MA | | |
| Woolf; Tod M. | Natick | MA | | |
| Jin; Ping | Boston | MA | | |
| Melton; Douglas A. | Lexington | MA | | |

US-CL-CURRENT: 435/69.1; 435/252.3, 435/320.1, 435/325, 435/458, 435/69.7, 530/350, 536/23.1, 536/23.4, 536/23.5

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-------------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Images | Annotations | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-------------|--------|------|-----------|-------|

☐ 39. Document ID: US 6399350 B1

L5: Entry 39 of 70

File: USPT

Jun 4, 2002

US-PAT-NO: 6399350
DOCUMENT-IDENTIFIER: US 6399350 B1

TITLE: KUZ, a novel family of metalloproteases

DATE-ISSUED: June 4, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------|-----------|-------|----------|---------|
| Rubin; Gerald M. | Berkeley | CA | | |
| Pan; Duoia | Berkeley | CA | | |
| Rooke; Jenny | New Haven | CT | | |
| Yavari; Reza | New Haven | CT | | |
| Xu; Tian | New Haven | CT | | |

US-CL-CURRENT: [435/226](#); [435/212](#), [435/23](#), [530/300](#), [530/325](#), [530/328](#), [530/350](#), [530/387.9](#)

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-------------|------------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Annotations | References | Claims | KMIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-------------|------------|--------|------|-----------|-------|

40. Document ID: US 6346605 B1

L5: Entry 40 of 70

File: USPT

Feb 12, 2002

US-PAT-NO: 6346605

DOCUMENT-IDENTIFIER: US 6346605 B1

TITLE: Signal transducer for the TNF receptor super family, and uses thereof

DATE-ISSUED: February 12, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|----------------|----------|-------|----------|---------|
| Lee; Soo Young | New York | NY | | |
| Choi; Yongwon | New York | NY | | |

US-CL-CURRENT: [530/350](#); [530/351](#)

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-------------|------------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Annotations | References | Claims | KMIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-------------|------------|--------|------|-----------|-------|

41. Document ID: US 6326481 B1

L5: Entry 41 of 70

File: USPT

Dec 4, 2001

US-PAT-NO: 6326481

DOCUMENT-IDENTIFIER: US 6326481 B1

TITLE: Molecules of the AIP-related protein family and uses thereof

DATE-ISSUED: December 4, 2001

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-------------|--------------|-------|----------|---------|
| Yowe; David | North Quincy | MA | | |

US-CL-CURRENT: [536/23.5](#); [435/320.1](#), [530/350](#), [536/1.11](#), [536/18.7](#), [536/22.1](#), [536/23.1](#)

| Full | Title | Citation | Front | Review | Classification | Date | Reference | 477075700 | 55601137000 | Claims | KOMC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|

42. Document ID: US 6319704 B1

L5: Entry 42 of 70

File: USPT

Nov 20, 2001

US-PAT-NO: 6319704

DOCUMENT-IDENTIFIER: US 6319704 B1

TITLE: KUZ, a novel family of metalloproteases

DATE-ISSUED: November 20, 2001

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------|-----------|-------|----------|---------|
| Rubin; Gerald M. | Berkeley | CA | | |
| Pan; Duoia | Berkeley | CA | | |
| Rooke; Jenny | New Haven | CT | | |
| Yavari; Reza | New Haven | CT | | |
| Xu; Tian | New Haven | CT | | |

US-CL-CURRENT: 435/252.3; 435/212, 435/226, 435/320.1, 435/325, 435/348, 536/23.2

| Full | Title | Citation | Front | Review | Classification | Date | Reference | 477075700 | 55601137000 | Claims | KOMC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|

43. Document ID: US 6277593 B1

L5: Entry 43 of 70

File: USPT

Aug 21, 2001

US-PAT-NO: 6277593

DOCUMENT-IDENTIFIER: US 6277593 B1

TITLE: Dorsal tissue affecting factor and compositions

DATE-ISSUED: August 21, 2001

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------------|------------------|-------|----------|---------|
| Valenzuela; David M. | Franklin Square | NY | | |
| Ip; Nancy Y. | Stamford | CT | | |
| Cudny; Henryk D. | Concord | CA | | |
| Yancopoulos; George D. | Yorktown Heights | NY | | |
| Harland; Richard M. | Moraga | CA | | |
| Smith; William C. | Santa Barbara | CA | | |
| Lamb; Teresa | New York | NY | | |
| Knecht; Anne | Berkeley | CA | | |

US-CL-CURRENT: 435/69.1; 435/69.4, 530/350, 530/399, 536/23.5, 536/23.51

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Abstracts | References | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|------------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|------------|--------|------|-----------|-------|

44. Document ID: US 6262025 B1

L5: Entry 44 of 70

File: USPT

Jul 17, 2001

US-PAT-NO: 6262025

DOCUMENT-IDENTIFIER: US 6262025 B1

TITLE: Nucleotide and protein sequences of vertebrate delta genes and methods based thereon

DATE-ISSUED: July 17, 2001

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------------------|-----------|-------|----------|---------|
| Ish-Horowicz; David | Oxford | | | GB |
| Henrique; Domingos Manuel Pinto | Queijas | | | PT |
| Lewis; Julian Hart | Oxford | | | GB |
| Artavanis-Tsakonas; Spyridon | Hamden | CT | | |
| Gray; Grace E. | New Haven | CT | | |

US-CL-CURRENT: 514/12; 530/300, 530/350

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Abstracts | References | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|------------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|------------|--------|------|-----------|-------|

45. Document ID: US 6197947 B1

L5: Entry 45 of 70

File: USPT

Mar 6, 2001

US-PAT-NO: 6197947

DOCUMENT-IDENTIFIER: US 6197947 B1

TITLE: Translation initiation factor 4AIII and methods of use thereof

DATE-ISSUED: March 6, 2001

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------------|----------|-------|----------|---------|
| Hemmati-Brivanlou; Ali | New York | NY | | |
| Weinstein; Daniel C. | New York | NY | | |

US-CL-CURRENT: 536/23.5; 435/325, 435/70.1, 435/71.2, 536/23.4

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Abstracts | References | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|------------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|------------|--------|------|-----------|-------|

46. Document ID: US 6190876 B1

L5: Entry 46 of 70

File: USPT

Feb 20, 2001

US-PAT-NO: 6190876

DOCUMENT-IDENTIFIER: US 6190876 B1

TITLE: KUZ, a novel family of metalloproteases

DATE-ISSUED: February 20, 2001

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------|-----------|-------|----------|---------|
| Rubin; Gerald M. | Berkeley | CA | | |
| Pan; Duoia | Berkeley | CA | | |
| Rooke; Jenny | New Haven | CT | | |
| Yavari; Reza | New Haven | CT | | |
| Xu; Tian | New Haven | CT | | |

US-CL-CURRENT: [435/23](#); [435/212](#), [435/226](#), [435/24](#)

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|------------|--------|-----|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Abstract | References | Claims | KMC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|------------|--------|-----|-----------|-------|

□ 47. Document ID: US 6184027 B1

L5: Entry 47 of 70

File: USPT

Feb 6, 2001

US-PAT-NO: 6184027

DOCUMENT-IDENTIFIER: US 6184027 B1

TITLE: Isolation and purification of eubacteria and fungus with catalytically inactive murein binding enzymes

DATE-ISSUED: February 6, 2001

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------------|-------------|-------|----------|---------|
| Laine; Roger A. | Baton Rouge | LA | | |
| Lo; Wai Chun.Jennifer | Baton Rouge | LA | | |

US-CL-CURRENT: [435/261](#)

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|------------|--------|-----|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Abstract | References | Claims | KMC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|------------|--------|-----|-----------|-------|

□ 48. Document ID: US 6090922 A

L5: Entry 48 of 70

File: USPT

Jul 18, 2000

US-PAT-NO: 6090922

DOCUMENT-IDENTIFIER: US 6090922 A

TITLE: Antibodies to human notch proteins and fragments

DATE-ISSUED: July 18, 2000

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------------------|-----------|-------|----------|---------|
| Artavanis-Tsakonas; Spyridon | Hamden | CT | | |
| Fehon; Richard Grant | Hamden | CT | | |
| Rebay; Ilaria | New Haven | CT | | |

US-CL-CURRENT: [530/388.22](#); [530/300](#), [530/350](#), [530/387.1](#), [530/389.1](#), [536/23.1](#), [536/23.5](#)

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|----------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Abstract | Abstract | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|----------|--------|------|-----------|-------|

49. Document ID: US 6083904 A

L5: Entry 49 of 70

File: USPT

Jul 4, 2000

US-PAT-NO: 6083904

DOCUMENT-IDENTIFIER: US 6083904 A

TITLE: Therapeutic and diagnostic methods and compositions based on notch proteins and nucleic acids

DATE-ISSUED: July 4, 2000

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------------------|--------|-------|----------|---------|
| Artavanis-Tsakonas; Spyridon | Hamden | CT | | |

US-CL-CURRENT: [514/2](#); [424/130.1](#), [424/143.1](#), [435/7.23](#), [514/12](#)

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|----------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Abstract | Abstract | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|----------|--------|------|-----------|-------|

50. Document ID: US 6075007 A

L5: Entry 50 of 70

File: USPT

Jun 13, 2000

US-PAT-NO: 6075007

DOCUMENT-IDENTIFIER: US 6075007 A

TITLE: Modified noggin polypeptide and compositions

DATE-ISSUED: June 13, 2000

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------|----------|-------|----------|---------|
| Economides; Aris | New York | NY | | |
| Stahl; Neil E. | Carmel | NY | | |
| Harland; Richard M. | Moraga | CA | | |

US-CL-CURRENT: [514/12](#); [530/397](#), [530/399](#)

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequence | Chemical | Claims | KMIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|----------|----------|--------|------|-----------|-------|

51. Document ID: US 6031076 A

L5: Entry 51 of 70

File: USPT

Feb 29, 2000

US-PAT-NO: 6031076

DOCUMENT-IDENTIFIER: US 6031076 A

** See image for Certificate of Correction **

TITLE: Conservin compositions

DATE-ISSUED: February 29, 2000

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-------------------|-----------|-------|----------|---------|
| Falb; Dean A. | Wellesley | MA | | |
| Gimeno; Carlos J. | Boston | MA | | |

US-CL-CURRENT: 530/350, 530/402, 536/23.1, 536/23.4, 536/23.5

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequence | Chemical | Claims | KMIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|----------|----------|--------|------|-----------|-------|

52. Document ID: US 6004924 A

L5: Entry 52 of 70

File: USPT

Dec 21, 1999

US-PAT-NO: 6004924

DOCUMENT-IDENTIFIER: US 6004924 A

TITLE: Protein sequences of serrate gene products

DATE-ISSUED: December 21, 1999

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------------------|-----------|-------|----------|---------|
| Ish-Horowicz; David | Oxford | | | GB |
| Henrique; Domingos Manuel Pinto | Oxford | | | GB |
| Lewis; Julian Hart | Oxford | | | GB |
| Myat; Anna Mary | Oxford | | | GB |
| Fleming; Robert J. | Rochester | NY | | |
| Artavanis-Tsakonas; Spyridon | Hamden | CT | | |
| Mann; Robert S. | Hamden | CT | | |
| Gray; Grace E. | New Haven | CT | | |

US-CL-CURRENT: 514/2, 514/13, 514/15, 530/300, 530/326, 530/328, 530/350

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequence | Chemical | Claims | KMIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|----------|----------|--------|------|-----------|-------|

☐ 53. Document ID: US 5935852 A

L5: Entry 53 of 70

File: USPT

Aug 10, 1999

US-PAT-NO: 5935852

DOCUMENT-IDENTIFIER: US 5935852 A

TITLE: DNA molecules encoding mammalian cerberus-like proteins

DATE-ISSUED: August 10, 1999

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------------|-------------------|-------|----------|---------|
| Follettie; Maximillian | Belmont | MA | | |
| DeRobertis; Edward M. | Pacific Palisades | CA | | |

US-CL-CURRENT: [435/325](#); [435/252.3](#), [435/252.33](#), [435/254.11](#), [435/320.1](#), [435/357](#), [435/358](#), [435/366](#), [536/23.1](#), [536/23.5](#), [536/24.31](#)

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-------------|----------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Full Patent | Abstract | Claims | KMOC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-------------|----------|--------|------|-----------|-------|

☐ 54. Document ID: US 5935792 A

L5: Entry 54 of 70

File: USPT

Aug 10, 1999

US-PAT-NO: 5935792

DOCUMENT-IDENTIFIER: US 5935792 A

TITLE: KUZ, a novel family of metalloproteases

DATE-ISSUED: August 10, 1999

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------|-----------|-------|----------|---------|
| Rubin; Gerald M. | Berkeley | CA | | |
| Pan; Duoia | Berkeley | CA | | |
| Rooke; Jenny | New Haven | CT | | |
| Yavari; Reza | New Haven | CT | | |
| Xu; Tian | New Haven | CT | | |

US-CL-CURRENT: [435/6](#); [435/212](#), [435/226](#), [435/23](#), [435/252.3](#), [435/320.1](#), [536/23.2](#)

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-------------|----------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Full Patent | Abstract | Claims | KMOC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-------------|----------|--------|------|-----------|-------|

☐ 55. Document ID: US 5869282 A

L5: Entry 55 of 70

File: USPT

Feb 9, 1999

US-PAT-NO: 5869282

DOCUMENT-IDENTIFIER: US 5869282 A

**** See image for Certificate of Correction ****

TITLE: Nucleotide and protein sequences of the serrate gene and methods based thereon

DATE-ISSUED: February 9, 1999

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------------------|-----------|-------|----------|---------|
| Ish-Horowicz; David | Oxford | | | GB2 |
| Henrique; Domingos Manuel Pinto | Oxford | | | GB2 |
| Lewis; Julian Hart | Oxford | | | GB2 |
| Myat; Anna Mary | Oxford | | | GB2 |
| Fleming; Robert J. | Rochester | NY | | |
| Artavanis-Tsakonas; Spyridon | Hamden | CT | | |
| Mann; Robert S. | Hamden | CT | | |
| Gray; Grace E. | New Haven | CT | | |

US-CL-CURRENT: 435/69.1; 435/252.3, 435/320.1, 435/325, 530/300, 530/350, 536/23.1, 536/24.3

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|----------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequence | Chemical | Claims | RMIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|----------|--------|------|-----------|-------|

56. Document ID: US 5866098 A

L5: Entry 56 of 70

File: USPT

Feb 2, 1999

US-PAT-NO: 5866098

DOCUMENT-IDENTIFIER: US 5866098 A

TITLE: Assay for identifying extracellular signaling proteins

DATE-ISSUED: February 2, 1999

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|-----------|-------|----------|---------|
| Lustig; Kevin D. | Cambridge | MA | | |
| Kirschner; Marc W. | Newton | MA | | |

US-CL-CURRENT: 424/9.2; 424/9.1, 424/93.1, 424/93.2, 435/320.1, 435/325, 435/4, 435/455, 435/6, 435/69.1, 435/7.21, 435/7.4

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|----------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequence | Chemical | Claims | RMIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|----------|--------|------|-----------|-------|

57. Document ID: US 5856441 A

L5: Entry 57 of 70

File: USPT

Jan 5, 1999

US-PAT-NO: 5856441

DOCUMENT-IDENTIFIER: US 5856441 A

TITLE: Serrate fragments and derivatives

DATE-ISSUED: January 5, 1999

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------------------|-----------|-------|----------|---------|
| Artavanis-Tsakonas; Spyridon | Hamden | CT | | |
| Fehon; Richard Grant | Hamden | CT | | |
| Rebay; Ilaria | New Haven | CT | | |

US-CL-CURRENT: 530/350; 530/300, 530/402

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequence | Sequence | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|----------|----------|--------|------|-----------|-------|

58. Document ID: US 5849869 A

L5: Entry 58 of 70

File: USPT

Dec 15, 1998

US-PAT-NO: 5849869

DOCUMENT-IDENTIFIER: US 5849869 A

**** See image for Certificate of Correction ****

TITLE: Delta fragments and derivatives and methods based thereon

DATE-ISSUED: December 15, 1998

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------------------|---------------|-------|----------|---------|
| Artavanis-Tsakonas; Spyridon | Hamden | CT | | |
| Muskavitch; Marc Alan-Telander | Bloomington | IN | | |
| Fehon; Richard Grant | Hamden | CT | | |
| Shephard; Scott Brockwell | Chestnut Hill | MA | | |

US-CL-CURRENT: 530/350; 530/300, 530/402, 530/839, 930/10

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequence | Sequence | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|----------|----------|--------|------|-----------|-------|

59. Document ID: US 5843775 A

L5: Entry 59 of 70

File: USPT

Dec 1, 1998

US-PAT-NO: 5843775

DOCUMENT-IDENTIFIER: US 5843775 A

TITLE: Human dorsal tissue affecting factor (noggin) and nucleic acids encoding same

DATE-ISSUED: December 1, 1998

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------|------|-------|----------|---------|
|------|------|-------|----------|---------|

| | | |
|------------------------|------------------|----|
| Valenzuela; David M. | Franklin Square | NY |
| Ip; Nancy Y. | Stamford | CT |
| Cudny; Henryk D. | Concord | CA |
| Yancopoulos; George D. | Yorktown Heights | NY |
| Harland; Richard M. | Moraga | CA |
| Smith; William C. | Santa Barbara | CA |
| Lamb; Teresa | New York | NY |
| Knecht; Anne | Berkeley | CA |

US-CL-CURRENT: [435/325](#); [435/252.3](#), [435/254.11](#), [435/320.1](#), [435/348](#), [435/69.1](#), [514/12](#), [514/2](#), [514/8](#), [530/350](#), [536/23.1](#), [536/23.5](#), [536/24.1](#), [536/24.31](#), [536/24.33](#)

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|----------|--------|-----|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Abstract | Abstract | Claims | KMC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|----------|--------|-----|-----------|-------|

60. Document ID: US 5833995 A

L5: Entry 60 of 70

File: USPT

Nov 10, 1998

US-PAT-NO: 5833995

DOCUMENT-IDENTIFIER: US 5833995 A

TITLE: Use of bluetongue virus proteins as vaccine components

DATE-ISSUED: November 10, 1998

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|--------|-------|----------|---------|
| Roy; Polly | Oxford | | | GB2 |
| French; Timothy J. | Oxford | | | GB2 |

US-CL-CURRENT: [424/215.1](#); [435/320.1](#), [514/44](#), [536/23.72](#)

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|----------|--------|-----|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Abstract | Abstract | Claims | KMC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|----------|--------|-----|-----------|-------|

61. Document ID: US 5821124 A

L5: Entry 61 of 70

File: USPT

Oct 13, 1998

US-PAT-NO: 5821124

DOCUMENT-IDENTIFIER: US 5821124 A

TITLE: Hybridoma cell lines and antibodies that bind noggin

DATE-ISSUED: October 13, 1998

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------------|------------------|-------|----------|---------|
| Valenzuela; David M. | Franklin Square | NY | | |
| Yancopoulos; George D. | Yorktown Heights | NY | | |

Harland; Richard M. Moraga CA
Smith; William C. Santa Barbara CA

US-CL-CURRENT: 435/331; 530/387.9, 530/388.24, 530/388.85

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|------------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Drawings | References | Claims | KMIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|------------|--------|------|-----------|-------|

62. Document ID: US 5807708 A

L5: Entry 62 of 70

File: USPT

Sep 15, 1998

US-PAT-NO: 5807708

DOCUMENT-IDENTIFIER: US 5807708 A

TITLE: Conservin nucleic acid molecules and compositions

DATE-ISSUED: September 15, 1998

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-------------------|-----------|-------|----------|---------|
| Falb; Dean A. | Wellesley | MA | | |
| Gimeno; Carlos J. | Boston | MA | | |

US-CL-CURRENT: 435/69.1; 435/252.3, 435/254.11, 435/320.1, 435/325, 536/23.1, 536/23.5

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|------------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Drawings | References | Claims | KMIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|------------|--------|------|-----------|-------|

63. Document ID: US 5789543 A

L5: Entry 63 of 70

File: USPT

Aug 4, 1998

US-PAT-NO: 5789543

DOCUMENT-IDENTIFIER: US 5789543 A

**** See image for Certificate of Correction ****

TITLE: Vertebrate embryonic pattern-inducing proteins and uses related thereto

DATE-ISSUED: August 4, 1998

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|------------|-------|----------|---------|
| Ingham; Philip W. | Summertown | | | GB2 |
| McMahon; Andrew P. | Lexington | MA | | |
| Tabin; Clifford J. | Cambridge | MA | | |

US-CL-CURRENT: 530/350; 424/185.1, 435/69.1, 530/300

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|------------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Drawings | References | Claims | KMIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|------------|--------|------|-----------|-------|

64. Document ID: US 5789195 A

L5: Entry 64 of 70

File: USPT

Aug 4, 1998

US-PAT-NO: 5789195

DOCUMENT-IDENTIFIER: US 5789195 A

**** See image for Certificate of Correction ****

TITLE: Human notch and delta, binding domains in toporythmic proteins, and methods based thereon

DATE-ISSUED: August 4, 1998

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------------------|-------------|-------|----------|---------|
| Artavanis-Tsakonas; Spyridon | Hamden | CT | | |
| Muskavitch; Marc Alan Telander | Bloomington | IN | | |
| Fehon; Richard Grant | Hamden | CT | | |
| Rebay; Ilaria | New Haven | CT | | |
| Blaumueller; Christine Marie | New Haven | CT | | |
| Shepard; Scott Brockwell | Bloomington | IN | | |

US-CL-CURRENT: 435/69.1; 435/252.3, 435/320.1, 435/325, 435/7.1, 530/300, 530/350, 536/23.1, 536/23.5

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Abstract | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|--------|------|-----------|-------|

65. Document ID: US 5786158 A

L5: Entry 65 of 70

File: USPT

Jul 28, 1998

US-PAT-NO: 5786158

DOCUMENT-IDENTIFIER: US 5786158 A

TITLE: Therapeutic and diagnostic methods and compositions based on notch proteins and nucleic acids

DATE-ISSUED: July 28, 1998

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------------------|-----------|-------|----------|---------|
| Artavanis-Tsakonas; Spyridon | Hamden | CT | | |
| Fehon; Richard Grant | Durham | NC | | |
| Zagouras; Panayiotis | New Haven | CT | | |
| Blaumueller; Christine Marie | New Haven | CT | | |

US-CL-CURRENT: 435/7.23; 435/7.1, 435/7.92, 436/63, 436/64, 436/811, 436/813, 436/815

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Abstract | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|----------|--------|------|-----------|-------|

☐ 66. Document ID: US 5693779 A

L5: Entry 66 of 70

File: USPT

Dec 2, 1997

US-PAT-NO: 5693779

DOCUMENT-IDENTIFIER: US 5693779 A

TITLE: Production and use of anti-dorsalizing morphogenetic protein

DATE-ISSUED: December 2, 1997

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|-----------|-------|----------|---------|
| Moos, Jr.; Malcolm | Bethesda | MD | | |
| Krinks; Marie | Rockville | MD | | |
| Wang; Shouwen | Rockville | MD | | |

US-CL-CURRENT: 536/23.5; 530/399, 930/120

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|----------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Draw Desc | Abstract | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|----------|--------|------|-----------|-------|

☐ 67. Document ID: US 5679783 A

L5: Entry 67 of 70

File: USPT

Oct 21, 1997

US-PAT-NO: 5679783

DOCUMENT-IDENTIFIER: US 5679783 A

TITLE: DNA encoding a tissue differentiation affecting factor

DATE-ISSUED: October 21, 1997

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------------|-------------------|-------|----------|---------|
| De Robertis; Edward M. | Pacific Palisades | CA | | |
| Sasai; Yoshiki | Los Angeles | CA | | |

US-CL-CURRENT: 536/23.5; 435/252.3, 435/320.1, 435/69.1, 530/350

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|----------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Draw Desc | Abstract | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|----------|--------|------|-----------|-------|

☐ 68. Document ID: US 5648464 A

L5: Entry 68 of 70

File: USPT

Jul 15, 1997

US-PAT-NO: 5648464

DOCUMENT-IDENTIFIER: US 5648464 A

TITLE: Human Notch and Delta binding domains in toporythmic proteins, and methods based thereon

DATE-ISSUED: July 15, 1997

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------------------|-----------|-------|----------|---------|
| Artavanis-Tsakonas; Spyridon | Hamden | CT | | |
| Fehon; Richard Grant | New Haven | CT | | |
| Rebay; Ilaria | New Haven | CT | | |
| Blaumueller; Christine Marie | New Haven | CT | | |

US-CL-CURRENT: [530/350](#); [530/300](#), [530/402](#), [530/839](#), [930/10](#)

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|

□ 69. Document ID: US 5591827 A

L5: Entry 69 of 70

File: USPT

Jan 7, 1997

US-PAT-NO: 5591827

DOCUMENT-IDENTIFIER: US 5591827 A

TITLE: Interleukin-6 receptor antagonists

DATE-ISSUED: January 7, 1997

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------------|--------------------|-------|----------|---------|
| Brakenhoff; Just P. J. | Amsterdam | | | NL |
| Aarden; Lucien A. | Broek in Waterland | | | NL |

US-CL-CURRENT: [530/351](#); [424/85.2](#), [435/69.52](#), [930/141](#)

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image |
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□ 70. Document ID: US 5585087 A

L5: Entry 70 of 70

File: USPT

Dec 17, 1996

US-PAT-NO: 5585087

DOCUMENT-IDENTIFIER: US 5585087 A

TITLE: Assay for identifying extracellular signaling proteins

DATE-ISSUED: December 17, 1996

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|-----------|-------|----------|---------|
| Lustig; Kevin D. | Cambridge | MA | | |
| Kirschner; Marc W. | Newton | MA | | |

US-CL-CURRENT: [424/9.2](#); [424/9.1](#), [424/93.1](#), [424/93.2](#), [435/320.1](#), [435/375](#), [435/4](#), [435/6](#),

[435/69.1](#), [435/7.21](#), [435/7.4](#), [435/91.41](#)

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Background | App. Events | Claims | KMIC | Draw Desc | Image |
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| NEURALIZATION | 2 |
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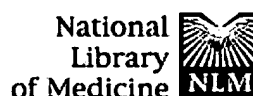
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PMID: 14660437 [PubMed - in process]

2: [Le Borgne R, Schweisguth F.](#)

[Related Articles, Links](#)



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[Related Articles, Links](#)



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Glucocorticoid-attenuated response genes induced in the lung during endotoxemia.











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Characterization of the arenavirus RING finger Z protein regions required for Z-mediated

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Development. 2001 Sep; 128(18): 3415-26.

PMID: 11566848 [PubMed - indexed for MEDLINE]

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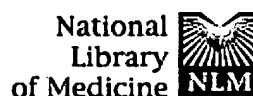
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








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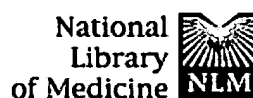
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The *Drosophila* neurogenic gene neuralized encodes a novel protein and is expressed in precursors of larval and adult neurons.

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Dev Biol. 1991 Jun; 145(2): 311-22.

PMID: 1904035 [PubMed - indexed for MEDLINE]

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Interaction of master mind, big brain, neuralized and Notch genes of *Drosophila melanogaster* as expressed in adult morphology.

Hereditas. 1991; 114(2): 197-200. No abstract available.

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Acta Anat (Basel). 1988; 133(1): 5-9.

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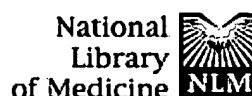
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Vaccination with the extracellular domain of p185neu prevents mammary tumor development in neu transgenic mice.

Esserman LJ, Lopez T, Montes R, Bald LN, Fendly BM, Campbell MJ.

UCSF/Mount Zion Medical Center, Department of Surgery, San Francisco, CA 94120, USA.

The HER2/neu oncogene product, p185(HER2/neu), is overexpressed on the surface of many human breast cancers. Strains of transgenic mice have been developed that express the rat neu oncogene in mammary epithelial cells and develop spontaneous mammary tumors that overexpress p185neu. This model provides an ideal system for testing interventions to prevent tumor development. In this study, we immunized neu-transgenic mice with a vaccine consisting of the extracellular domain of p185neu (NeuECD). Immunized mice developed Neu-specific humoral immune responses, as measured by circulating anti-Neu antibodies in their sera, and cellular immune responses, as measured by lymphocyte proliferation to NeuECD in vitro. In addition, the subsequent development of mammary tumors was significantly lower in immunized mice than in controls and vaccine treatment was associated with a significant increase in median survival.

MeSH Terms:

- 3T3 Cells
- Animals
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- Antibodies, Neoplasm/blood
- Antibody Formation/immunology
- Cancer Vaccines/genetics
- Cancer Vaccines/immunology*
- Cell Division/immunology
- Extracellular Space/immunology
- Female
- Genes, erbB-2/immunology*
- Lymphocyte Activation/immunology
- Male
- Mammary Neoplasms, Experimental/genetics
- Mammary Neoplasms, Experimental/immunology
- Mammary Neoplasms, Experimental/prevention & control*
- Mice

- Mice, Transgenic
- Peptide Fragments/immunology*
- Protein Structure, Tertiary
- Rats
- Receptor, erbB-2/genetics
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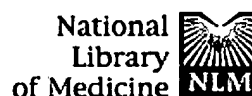
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1: Dev Biol. 2001 Mar 1; 231(1): 217-33.

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FULL-TEXT ARTICLE**neuralized functions cell-autonomously to regulate a subset of notch-dependent processes during adult Drosophila development.****Lai EC, Rubin GM.**

Department of Molecular and Cell Biology, Howard Hughes Medical Institute, University of California, 539 Life Sciences Addition, Berkeley, California 94720, USA.

neuralized (neu) represents one of the strong neurogenic mutants in Drosophila. Mutants of this class display, among other phenotypes, a strong overcommitment to neural fates at the expense of epidermal fates. We analyzed the role of neu during adult development by using mutant clonal analysis, misexpression of wild-type and truncated forms of Neu, and examination of genetic interactions with N-pathway mutations. We find that neu is required cell-autonomously for lateral inhibition during peripheral neurogenesis and for multiple asymmetric cell divisions in the sensory lineage. In contrast, neu is apparently dispensable for other N-mediated processes, including lateral inhibition during wing vein development and wing margin induction. Misexpression of wild-type Neu causes defects in both peripheral neurogenesis and wing vein development, while a truncated form lacking the RING finger is further capable of inhibiting formation of the wing margin. In addition, the phenotypes produced by misexpression of wild-type and truncated Neu proteins are sensitive to the dosage of several N-pathway components. Finally, using epitope-tagged Neu proteins, we localize Neu to the plasma membrane and reveal a novel morphology to the sensory organ precursor cells of wing imaginal discs. Collectively, these data indicate a key role for neu in the reception of the lateral inhibitory signal during peripheral neurogenesis.

PMID: 11180964 [PubMed - indexed for MEDLINE]

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Neuralized protein

gi|34223722|sp|P29503|NEUR_DROME[2969262]

[BLink](#), [Domains](#), [Links](#)2: [Q24746](#)

Neuralized protein

gi|34222692|sp|Q24746|NEUR_DROVI[2969237]

[BLink](#), [Domains](#), [Links](#)3: [AAB60619](#)neuralized protein [*Drosophila virilis*]

gi|535314|gb|AAB60619.1|[1124433]

[BLink](#), [Domains](#), [Links](#)4: [CAC36018](#)dJ337O18.6 (novel protein similar to *Drosophila* Neuralized (Neu)) [*Homo sapiens*]

gi|13929456|emb|CAC36018.1|[659266]

[BLink](#), [Domains](#), [Links](#)5: [CAA43806](#)neuralized protein [*Drosophila melanogaster*]

gi|11025|emb|CAA43806.1|[317879]

[BLink](#), [Domains](#), [Links](#)6: [AAB27151](#)neuralized [*Drosophila melanogaster*]

gi|385746|gb|AAB27151.1||bbm|308657|bbs|133775[136352]

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☐ 1: P29503. Neuralized protei...[gi:34223722]

BLink, Domains, Links

LOCUS P29503 754 aa linear INV 15-SEP-2003

DEFINITION Neuralized protein.

ACCESSION P29503

VERSION P29503 GI:34223722

DBSOURCE swissprot: locus NEUR_DROME, accession P29503;
class: standard.
extra accessions: Q26306, Q27273, Q8INP6, Q8INP7, Q960M1, created: Apr 1, 1993.

sequence updated: Sep 15, 2003.

annotation updated: Sep 15, 2003.

xrefs: gi: [11024](#), gi: [11025](#), gi: [385740](#), gi: [385741](#), gi: [157027](#),
gi: [157028](#), gi: [385745](#), gi: [385746](#), gi: [28381198](#), gi: [7299131](#), gi:
[23170762](#), gi: [23170760](#), gi: [23170761](#), gi: [15292284](#), gi: [15292285](#),
gi: [28380967](#), gi: [28380968](#), gi: [486788](#), gi: [486806](#)

xrefs (non-sequence databases): FlyBaseFBgn0002932, GO0005886,
GO0004842, GO0016360, GO0007456, GO0007498, GO0007423,
InterProIPR006573, InterProIPR001841, PfamPF00097, SMARTSM00588,
SMARTSM00184, PROSITEPS00518, PROSITEPS50089

KEYWORDS Neurogenesis; DNA-binding; Nuclear protein; Zinc-finger; Repeat;
Alternative splicing.

SOURCE Drosophila melanogaster (fruit fly)

ORGANISM Drosophila melanogaster

Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
Ephydroidea; Drosophilidae; Drosophila.

REFERENCE 1 (residues 1 to 754)

AUTHORS Boulianne, G.L., de la Concha, A., Campos-Ortega, J.A., Jan, L.Y. and Jan, Y.N.

TITLE The Drosophila neurogenic gene neuralized encodes a novel protein
and is expressed in precursors of larval and adult neurons

JOURNAL EMBO J. 10 (10), 2975-2983 (1991)

MEDLINE [92007742](#)

PUBMED [1717258](#)

REMARK SEQUENCE FROM N.A. (ISOFORM 1).

STRAIN=Oregon-R

REFERENCE 2 (residues 1 to 754)

AUTHORS Price, B.D., Chang, Z., Smith, R., Bockheim, S. and Laughon, A.

TITLE The Drosophila neuralized gene encodes a C3HC4 zinc finger

JOURNAL EMBO J. 12 (6), 2411-2418 (1993)

MEDLINE [93285111](#)

PUBMED [8508767](#)

REMARK SEQUENCE FROM N.A. (ISOFORM 1).

REFERENCE 3 (residues 1 to 754)

AUTHORS Boulianne, G.L., de la Concha, A., Campos-Ortega, J.A., Jan, L.Y. and Jan, Y.N.

TITLE The Drosophila neurogenic gene neuralized encodes a novel protein
and is expressed in precursors of larval and adult neurons

JOURNAL EMBO J. 12 (6), 2586 (1993)

MEDLINE [93285130](#)

PUBMED 8508781
 REMARK SEQUENCE FROM N.A. (ISOFORM 2).
 REFERENCE 4 (residues 1 to 754)
 AUTHORS Adams,M.D., Celniker,S.E., Holt,R.A., Evans,C.A., Gocayne,J.D.,
 Amanatides,P.G., Scherer,S.E., Li,P.W., Hoskins,R.A., Galle,R.F.,
 George,R.A., Lewis,S.E., Richards,S., Ashburner,M., Henderson,S.N.,
 Sutton,G.G., Wortman,J.R., Yandell,M.D., Zhang,Q., Chen,L.X.,
 Brandon,R.C., Rogers,Y.-H.C., Blazej,R.G., Champe,M.,
 Pfeiffer,B.D., Wan,K.H., Doyle,C., Baxter,E.G., Helt,G.,
 Nelson,C.R., Miklos,G.L.G., Abril,J.F., Agbayani,A., An,H.-J.,
 Andrews-Pfannkoch,C., Baldwin,D., Ballew,R.M., Basu,A.,
 Baxendale,J., Bayraktaroglu,L., Beasley,E.M., Beeson,K.Y.,
 Benos,P.V., Berman,B.P., Bhandari,D., Bolshakov,S., Borkova,D.,
 Botchan,M.R., Bouck,J., Brokstein,P., Brottier,P., Burtis,K.C.,
 Busam,D.A., Butler,H., Cadieu,E., Center,A., Chandra,I.,
 Cherry,J.M., Cawley,S., Dahlke,C., Davenport,L.B., Davies,P., de
 Pablos,B., Delcher,A., Deng,Z., Mays,A.D., Dew,I., Dietz,S.M.,
 Dodson,K., Doup,L.E., Downes,M., Dugan-Rocha,S., Dunkov,B.C.,
 Dunn,P., Durbin,K.J., Evangelista,C.C., Ferraz,C., Ferriera,S.,
 Fleischmann,W., Fosler,C., Gabrielian,A.E., Garg,N.S.,
 Gelbart,W.M., Glasser,K., Glodek,A., Gong,F., Gorrell,J.H., Gu,Z.,
 Guan,P., Harris,M., Harris,N.L., Harvey,D.A., Heiman,T.J.,
 Hernandez,J.R., Houck,J., Hostin,D., Houston,K.A., Howland,T.J.,
 Wei,M.-H., Ibegwam,C., Jalali,M., Kalush,F., Karpen,G.H., Ke,Z.,
 Kennison,J.A., Ketchum,K.A., Kimmel,B.E., Kodira,C.D., Kraft,C.,
 Kravitz,S., Kulp,D., Lai,Z., Lasko,P., Lei,Y., Levitsky,A.A.,
 Li,J.H., Li,Z., Liang,Y., Lin,X., Liu,X., Mattei,B., McIntosh,T.C.,
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 Morris,J., Moshrefi,A., Mount,S.M., Moy,M., Murphy,B., Murphy,L.,
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 Nusskern,D.R., Pacleb,J.M., Palazzolo,M., Pittman,G.S., Pan,S.,
 Pollard,J., Puri,V., Reese,M.G., Reinert,K., Remington,K.,
 Saunders,R.D.C., Scheeler,F., Shen,H., Shue,B.C., Siden-Kiamos,I.,
 Simpson,M., Skupski,M.P., Smith,T., Spier,E., Spradling,A.C.,
 Stapleton,M., Strong,R., Sun,E., Svirskas,R., Tector,C., Turner,R.,
 Venter,E., Wang,A.H., Wang,X., Wang,Z.-Y., Wassarman,D.A.,
 Weinstock,G.M., Weissenbach,J., Williams,S.M., Woodage,T.,
 Worley,K.C., Wu,D., Yang,S., Yao,Q.A., Ye,J., Yeh,R.-F.,
 Zaveri,J.S., Zhan,M., Zhang,G., Zhao,Q., Zheng,L., Zheng,X.H.,
 Zhong,F.N., Zhong,W., Zhou,X., Zhu,S., Zhu,X., Smith,H.O.,
 Gibbs,R.A., Myers,E.W., Rubin,G.M. and Venter,J.C.
 TITLE The genome sequence of *Drosophila melanogaster*
 JOURNAL Science 287 (5461), 2185-2195 (2000)
 MEDLINE 20196006
 PUBMED 10731132
 REMARK SEQUENCE FROM N.A.
 STRAIN=Berkeley
 REFERENCE 5 (residues 1 to 754)
 AUTHORS Misra,S., Crosby,M.A., Mungall,C.J., Matthews,B.B., Campbell,K.S.,
 Hradecky,P., Huang,Y., Kaminker,J.S., Millburn,G.H., Prochnik,S.E.,
 Smith,C.D., Tupy,J.L., Whitfield,E.J., Bayraktaroglu,L.,
 Berman,B.P., Bettencourt,B.R., Celniker,S.E., de Grey,A.D.N.J.,
 Drysdale,R.A., Harris,N.L., Richter,J., Russo,S., Schroeder,A.J.,
 Shu,S.Q., Stapleton,M., Yamada,C., Ashburner,M., Gelbart,W.M.,
 Rubin,G.M. and Lewis,S.E.
 TITLE Annotation of the *Drosophila melanogaster* euchromatic genome: a
 systematic review
 JOURNAL Genome Biol. 3 (12), RESEARCH0083 (2002)
 MEDLINE 22426069
 PUBMED 12537572

REMARK REVISIONS:
REFERENCE 6 (residues 1 to 754)
AUTHORS Stapleton,M., Carlson,J.W., Brokstein,P., Yu,C., Champe,M.,
George,R.A., Guarin,H., Kronmiller,B., Pacleb,J.M., Park,S.,
Wan,K.H., Rubin,G.M. and Celniker,S.E.
TITLE A Drosophila full-length cDNA resource
JOURNAL Genome Biol. 3 (12), RESEARCH0080 (2002)
MEDLINE 22426066
PUBMED 12537569
REMARK SEQUENCE FROM N.A. (ISOFORMS 2 AND 3).
STRAIN=Berkeley
COMMENT On Aug 26, 2003 this sequence version replaced gi:266615.

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collaboration between the Swiss Institute of Bioinformatics and
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The original entry is available from <http://www.expasy.ch/sprot>
and <http://www.ebi.ac.uk/sprot>

[FUNCTION] Involved in neurogenesis. Interacts with other
neurogenic proteins in the specification of the neuroblast versus
epidermoplast cell fate.
[SUBCELLULAR LOCATION] Nuclear (Potential).
[ALTERNATIVE PRODUCTS] Event=Alternative splicing; Named
isoforms=4; Name=1; IsoId=P29503-1; Sequence=Displayed; Name=2;
IsoId=P29503-2; Sequence=VSP_008046; Name=3; IsoId=P29503-3;
Sequence=VSP_008045; Name=4; IsoId=P29503-4; Sequence=VSP_008045,
VSP_008046.
[SIMILARITY] Contains 2 NEUZ domains.
[SIMILARITY] Contains 1 RING-type zinc finger.
[CAUTION] Ref.1 sequence differs from that shown due to frameshifts
in position 406; 518; 554 and 709.

FEATURES Location/Qualifiers
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/note="synonyms: NEU, CG11988"
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/product="Neuralized protein"
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/region_name="Splicing variant"
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/region_name="Conflict"
/note="T -> S (IN REF. 1)."

Region 270
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Region 366..489
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 /note="NEUZ 2."

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Region 672
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 /note="Missing (in isoform 2 and isoform 4)."
 /FTId=VSP_008046."

Region 694
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 /note="RING-TYPE."

ORIGIN

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481 ngevsisknn  gpavvvmhvd  qslqlwafld  vgstqslrm  frqqlpnmva  ypsqpqvvn
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721 mcydcaieqw  rgvgggqcpl  cravirdvir  tytt

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